

**DATA TRANSMISSION METHOD IN A CELLULAR  
COMMUNICATION NETWORK, CORRESPONDING SYSTEM,  
TERMINAL AND BASE STATION**

ABSTRACT OF THE DISCLOSURE

The invention concerns a cellular communication system comprising a terminal (102), a base station (101) (for example UMTS) and a communication equipment (111) designed to transmit data to a terminal and which is not provided with an uplink channel (for example using an OFDM technique). By transmitting via the TCP channel data other than those for controlling the power of the receiver base station (101), the terminal (102) can control the power of the OFDM system (111) transmitting high speed data to the terminal (293), the OFDM system (111) being coupled to the UMTS network (101) with which the terminal communicates.